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ABSTRACT OF THE DISCLOSURE

A method and a system of database divisional management for use with a parallel database system comprising an FES (front end server), BES's (back end servers), an IOS (I/O server) and disk units. The numbers of processors assigned to the FES, BES's and IOS, the number of disk units, and the number of partitions of the disk units are determined in accordance with the load pattern in question. Illustratively, there may be established a configuration of one FES, four BES's, one IOS and eight disk units. The number of BES's is varied from one to four depending on the fluctuation in load, so that a scalable system configuration is implemented. When the number of BES's is increased or decreased, only the management information thereabout is transferred between nodes and not the data, whereby the desired degree of parallelism is obtained for high-speed query processing.